



**Pentagon Chemicals**

No.7, Thiruverkadu Main Road, Near Ambattur Industrial Estate,  
Ayappakkam, Chennai-600 077 Tamilnadu State-South India

**Ph No.91-044-26820071 Cell No.9444007960**

E-mail: [contact@pentagonchemical.com](mailto:contact@pentagonchemical.com)

Website: [www.pentagonchemical.com](http://www.pentagonchemical.com)

**COA - POTASSIUM NITRATE**

<b>Product</b>	<b>Specifications</b>
Insoluble matter	Nil
Description	White crystalline powder or Crystals
Identification	Should give characteristic reactions for Potassium and Nitrate salts
Heavy Metals	Max. 0.02 %
Sodium	Max. 0.2 %
Chloride	Max. 0.03 %
Chlorates & Per chlorates	Max. 0.3 %
Iron & Aluminium	Max. 0.2 %
Loss on Drying	Max. 1.0 %
Calcium & Magnesium	Max. 0.4 %
Average Particle Size	250 microns
Nitrogen	12.5 % to 15.0 %
Potassium Content (K <sub>2</sub> O)	45.0 % to 48.0 %
Potassium Content (K)	37.0 % to 39.0 %
Water Soluble Ash	Nil
pH	6.5 to 7.5
Assay	Not less than 98.5%